

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091123\
 Data File : BF135164.D
 Acq On : 11 Sep 2023 15:27
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Sep 12 00:13:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:05:33 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	103518	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	410037	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	209779	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	404842	20.000	ng	0.00
76) Chrysene-d12	13.945	240	207773	20.000	ng	0.00
86) Perylene-d12	15.404	264	203793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	605033	95.061	ng	0.00
7) Phenol-d6	6.410	99	764861	94.508	ng	0.00
23) Nitrobenzene-d5	7.333	82	728028	96.463	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	200563	96.207	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	1269399	91.295	ng	0.00
79) Terphenyl-d14	12.892	244	1266284	94.477	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	135944	48.723	ng	98
3) Pyridine	3.216	79	373280	49.709	ng	96
4) n-Nitrosodimethylamine	3.193	42	197388	49.534	ng	99
6) Aniline	6.434	93	503111	47.407	ng	96
8) 2-Chlorophenol	6.557	128	322485	47.464	ng	94
9) Benzaldehyde	6.322	77	204307	44.314	ng	98
10) Phenol	6.422	94	415942	46.870	ng	98
11) bis(2-Chloroethyl)ether	6.510	93	316388	47.529	ng	97
12) 1,3-Dichlorobenzene	6.704	146	327193	47.385	ng	98
13) 1,4-Dichlorobenzene	6.786	146	331382	47.171	ng	98
14) 1,2-Dichlorobenzene	6.939	146	304394	46.658	ng	97
15) Benzyl Alcohol	6.916	79	277236	47.738	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	597550	47.623	ng	99
17) 2-Methylphenol	7.028	107	285653	47.643	ng	99
18) Hexachloroethane	7.275	117	124968	48.144	ng	96
19) n-Nitroso-di-n-propyla...	7.186	70	235169	46.913	ng	97
20) 3+4-Methylphenols	7.181	107	334360	46.377	ng	96
22) Acetophenone	7.181	105	433828	46.277	ng	# 98
24) Nitrobenzene	7.351	77	363260	48.697	ng	98
25) Isophorone	7.592	82	664747	47.966	ng	99
26) 2-Nitrophenol	7.669	139	175632	49.056	ng	93
27) 2,4-Dimethylphenol	7.704	122	287913	47.842	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	390368	47.061	ng	99
29) 2,4-Dichlorophenol	7.910	162	264013	47.345	ng	96
30) 1,2,4-Trichlorobenzene	7.986	180	275424	47.254	ng	98
31) Naphthalene	8.069	128	941222	47.244	ng	100
32) Benzoic acid	7.845	122	238027m	53.032	ng	
33) 4-Chloroaniline	8.122	127	416399	47.638	ng	98
34) Hexachlorobutadiene	8.180	225	168942	48.070	ng	99
35) Caprolactam	8.504	113	92610m	49.490	ng	
36) 4-Chloro-3-methylphenol	8.610	107	296176	47.788	ng	94
37) 2-Methylnaphthalene	8.763	142	623867	46.586	ng	98
38) 1-Methylnaphthalene	8.857	142	586742	46.797	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	289118	47.572	ng	100
41) Hexachlorocyclopentadiene	8.910	237	116552	46.890	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	193301	48.578	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	219678	47.939	ng	97
46) 1,1'-Biphenyl	9.227	154	759212	47.094	ng	99
47) 2-Chloronaphthalene	9.251	162	555573	47.498	ng	99
48) 2-Nitroaniline	9.351	65	221633	48.773	ng	95
49) Acenaphthylene	9.669	152	914873	47.063	ng	100
50) Dimethylphthalate	9.533	163	670545	47.277	ng	99
51) 2,6-Dinitrotoluene	9.598	165	149439	48.096	ng	93
52) Acenaphthene	9.839	154	546561	47.595	ng	95
53) 3-Nitroaniline	9.769	138	178541	48.953	ng	94
54) 2,4-Dinitrophenol	9.874	184	80801	48.479	ng	93
55) Dibenzofuran	10.010	168	812495	46.365	ng	98
56) 4-Nitrophenol	9.933	139	119364	51.495	ng	93
57) 2,4-Dinitrotoluene	10.004	165	184063	47.320	ng	93
58) Fluorene	10.357	166	623061	46.249	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	170741	48.437	ng	99
60) Diethylphthalate	10.233	149	668582	46.970	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	299514	46.283	ng	99
62) 4-Nitroaniline	10.386	138	172445	49.188	ng	98
63) Azobenzene	10.510	77	654140	46.956	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	109073	50.726	ng	85
66) n-Nitrosodiphenylamine	10.469	169	582057	47.490	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	191929	47.667	ng	96
68) Hexachlorobenzene	10.904	284	194754	47.477	ng	96
69) Atrazine	11.004	200	155252	47.077	ng	99
70) Pentachlorophenol	11.098	266	125306	51.181	ng	99
71) Phenanthrene	11.321	178	895428	46.765	ng	99
72) Anthracene	11.374	178	928164	47.160	ng	98
73) Carbazole	11.533	167	850211	47.454	ng	99
74) Di-n-butylphthalate	11.863	149	1003204	47.519	ng	99
75) Fluoranthene	12.510	202	928752	46.551	ng	98
77) Benzidine	12.639	184	198095	46.538	ng	99
78) Pyrene	12.745	202	961553	48.609	ng	100
80) Butylbenzylphthalate	13.368	149	352410	50.599	ng	98
81) Benzo(a)anthracene	13.939	228	634677	47.306	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	204419	48.779	ng	98
83) Chrysene	13.974	228	640562	48.022	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	351093	49.124	ng	99
85) Di-n-octyl phthalate	14.551	149	578432	50.927	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	665591	49.812	ng	99
88) Benzo(b)fluoranthene	14.986	252	535089	48.503	ng	98
89) Benzo(k)fluoranthene	15.015	252	523724	48.058	ng	99
90) Benzo(a)pyrene	15.351	252	521436	49.564	ng	98
91) Dibenzo(a,h)anthracene	16.903	278	538523	49.257	ng	98
92) Benzo(g,h,i)perylene	17.333	276	569336	49.863	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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